

S-E-C-R-E-T

AGENDA

Meeting No. 47

Research, Development and Production Review Board *MEETING*

3 August 1955

Room 2035 "I" Bldg. - 1400 hours

I. Old Business:

1. Review and Approval of the Minutes of Meeting #46 and a Special Meeting of 20 July 1955.
2. Report by Engineering Division of Significant Changes in Projects' Status.

II. New Business:

1. Open for discussion.

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ORIG COMP	<u>-</u>	OPI	<u>33</u>	TYPE	<u>3601</u>
ORIG CLASS	<u>S</u>	PAGES	<u>1</u>	REV CLASS	<u>S</u>
JUST	<u>22</u>	NEXT REV	<u>28/0</u>	AUTH	

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25 YEAR RE-REVIEW

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MINUTES

Research, Development and Production Review Board

I.

A special meeting of the Research, Development and Production Review Board was held in the OC Conference Room at 1500 on 20 July 1955. The meeting was regularly scheduled as one of the Ideas and Requirements Panel but because of the urgency of approving a set of functional characteristics, the meeting devoted itself entirely to these characteristics and is therefore being considered as a special meeting of the Research, Development and Production Review Board. The following persons were in attendance:

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II.

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1. The set of characteristics under discussion were those of [] which have been assigned the nomenclature of RS-16 Radio Station, High Speed QFM.

2. It was explained to the members of the Board that at a previous informal meeting attended by Engineering, Ops, and the Board member of SPD these functional characteristics had been discussed in detail and been agreed to. At the Chairman's request, the specifications were reviewed on a step by step basis and the thinking behind each decision was given to each of the Board members. After a considerable number of the items had been discussed, the SPD representative requested that the Board stop the discussions of the detailed requirements and consider the general philosophy of the high speed program.

3. The SPD representative then informed the Board members that there was under development for a sensitive project, another form of high speed transmission equipment which utilizes [] which he believed was superior to the presently proposed [] equipment. He stated that in effect he believed that the [] program should be dropped and a

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contract be negotiated with the contractor who is presently producing the equipment for the sensitive project. He indicated that present planning visualized that the crash requirements of the sensitive program would be terminated in approximately December 1955 upon the delivery of several aircraft units as well as base station items. That in his opinion that if the present contractor, [redacted] was given a contract for [redacted] equipment they could produce it sooner than the [redacted] could produce [redacted] equipment.

4. A considerable amount of discussion took place in which it was pointed out that various types of equipment in depth were of importance to this Agency, that there was operational need for high speed equipment at the earliest practicable date, and it was seriously doubted, at least by the Operations and Training Division and Engineering representatives, that [redacted] could produce the required equipment in a usable form ready for production prior to or equal to the time that Hughes could produce the RS-16 units.

5. The Engineering representative pointed out that a meeting had been scheduled with the Air Force for the 27th of July at which time it was mandatory that we present to the Air Force a firm set of operational requirements. It was further stated that the D/CO at the last meeting of the Board had stated that we must go forward with the development and production of [redacted] equipment at the fastest possible rate in order to fulfill existing operational requirements.

6. The members of the Board approved the operational specifications and the SPD member approved them with the proviso that certain statements would be incorporated in these minutes modifying the original intent of the functional characteristics. These statements are as follows:

a. That the Engineering Division will approach the [redacted] contractor and obtain from him a proposal for the development of equipment in accordance with the approved functional characteristics and that such proposal will be reviewed by the Board before any further action is taken.

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b. That it be indicated to the Air Force at the Steering Committee Meeting scheduled for 27 July that it is the intent of this Agency to go forward with the development of equipment in accordance with these functional characteristics but at this time it is not 100 percent firm since final operational approval has not been obtained.

c. That the functional characteristics in the submitted paper are not limited to a QFM system but provide the characteristics of any agent high speed transmission system.

d. That SPD will obtain from [] information as to (1) when they would be in a position to take on development of [] system, (2) the cost of such a development, (3) the time involved before pre-production prototype models would be available, (4) estimated cost of the agent equipment in production, (5) the estimated cost of base station equipment in production, the base station equipment to include recording and speed reducing mechanisms in order to permit transmission over presently existing teletype circuits.

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e. That the Engineering Division obtain from [] estimated cost of additional development work on the [] equipment and as a separate quotation the cost for reducing the bandwidth of both the [] equipment to a narrower one, an estimated cost of production [] units, the time required to produce pre-production models, an estimated cost of the [] system in its present form and with a reduced bandwidth. The Engineering Division to obtain from Hughes an expression of the amount of time that could be saved in the development of the equipment if the cost of such development is increased to provide for more concentrated effort on development.

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f. That at a subsequent meeting as soon as pertinent information is available the Board will again consider this problem, looking at it from a point of view on the time and money involved in order to determine whether biphase or QFM type of equipment should be employed.

III. The meeting adjourned at 1700 hours.

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Distribution:

Members and those in attendance
listed in Paragraph I
R&D Internal Projects
R&D External Projects (2)

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